

What is claimed is:

1. A reception method for receiving a signal transmitted by radio with a pilot symbol added to transmission data, comprising:

a phase deciding step of deciding the phase of said pilot symbol from a received signal;

a synchronism deciding step of deciding a synchronized time of the received signal based on a phase and a reference phase obtained in said phase deciding step; and

a reception processing step of demodulating the received signal with reference to said synchronized time obtained in said synchronism deciding step.

2. A reception method according to claim 1, further comprising signal intensity detecting step of detecting a signal intensity of the received signal, wherein

that in said synchronism deciding step in such that the synchronized time of the received signal is detected based on a phase obtained in said phase deciding step and a signal intensity obtained in said signal intensity detecting step.

3. A reception method according to claim 1, further comprising rake composing step of rake-composing plural sequences of signals obtained in said reception processing step, wherein

the phase decision in said phase deciding step is carried out from the received signal of each sequence before

being rake-composed in said rake composing step.

4. A reception method according to claim 3, wherein
sequence in which synchronous time cannot be detected in
a predetermined state in said synchronism deciding step is not
composed in said rake composing step.

5. A receiving apparatus for receiving a signal
transmitted by radio with a pilot symbol added to transmission
data, comprising:

phase deciding means for deciding the phase of a pilot
symbol from a received signal;

synchronism deciding means for deciding a synchronized
time of the received signal based on a phase decided by said
phase deciding means; and

reception processing means for demodulating the received
signal with reference to the synchronized time decided by the
synchronism deciding means.

6. A receiving apparatus according to claim 5, further
comprising a signal intensity detecting means for detecting the
signal intensity of the received signal, wherein

said synchronism deciding means detects a timing
synchronized time of the received signal based on the signal
intensity detected by said signal intensity detecting means.

7. A receiving apparatus according to claim 5, further
comprising a rake composing means for rake-composing plural
sequences of signals demodulated by said reception processing

means, wherein

the phase decision by the phase deciding means is carried out from the received signal of each sequence before being rake-composed by said rake composing means.

8. A receiving apparatus according to claim 7, wherein a sequence in which the synchronized time cannot be detected in a predetermined state by said synchronism deciding means is not composed by said rake composing means.

9. A reception method for receiving a multipath signal transmitted with a pilot symbol added to transmission data, comprising:

a first step of comparing a phase of a received signal through respective paths of said multipath signal and a reference phase to detect their synchronism;

a second step of composing only a signal through a path in synchronism to generate a composite received signal depending on a synchronism detection result detected in said first step; and

a third step of decoding the composite received signal obtained in said second step.

10. A reception method according to claim 9, further comprising a fourth step of detecting a signal intensity of a signal through a path in synchronism, wherein

said second step is such that only a signal through a path in synchronism and having a signal intensity greater than a

predetermined signal intensity is composed.

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